A-01055 FIGS. 1-10

FIG. 1

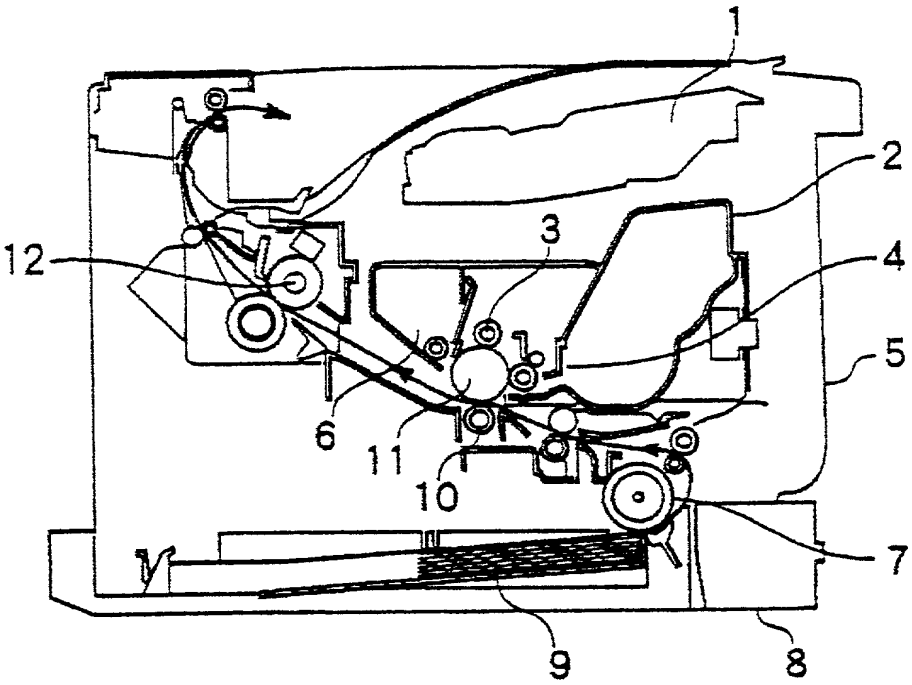
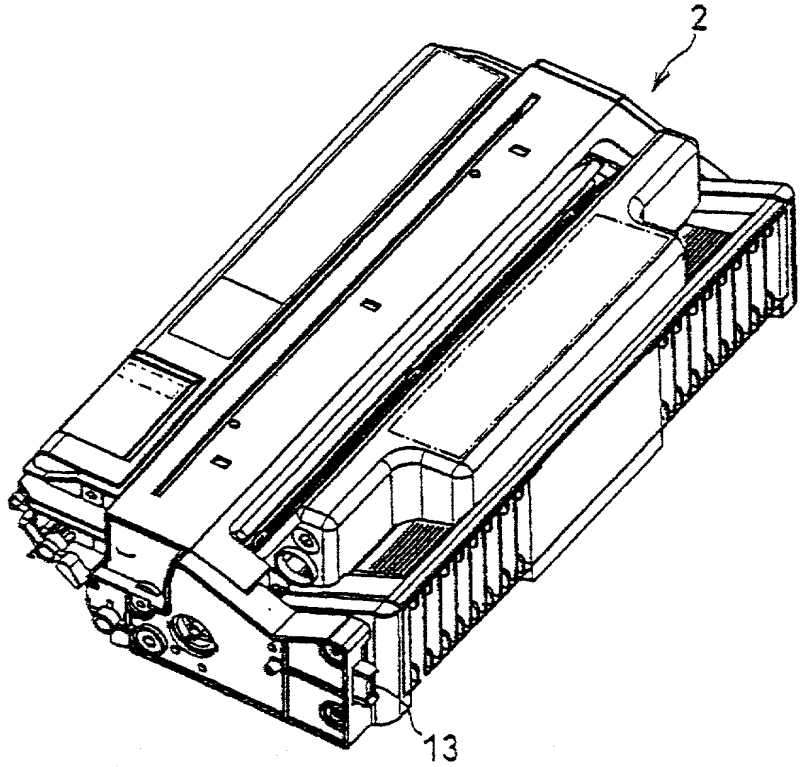


FIG. 2



EASTERN DISTRICT

FIG. 3

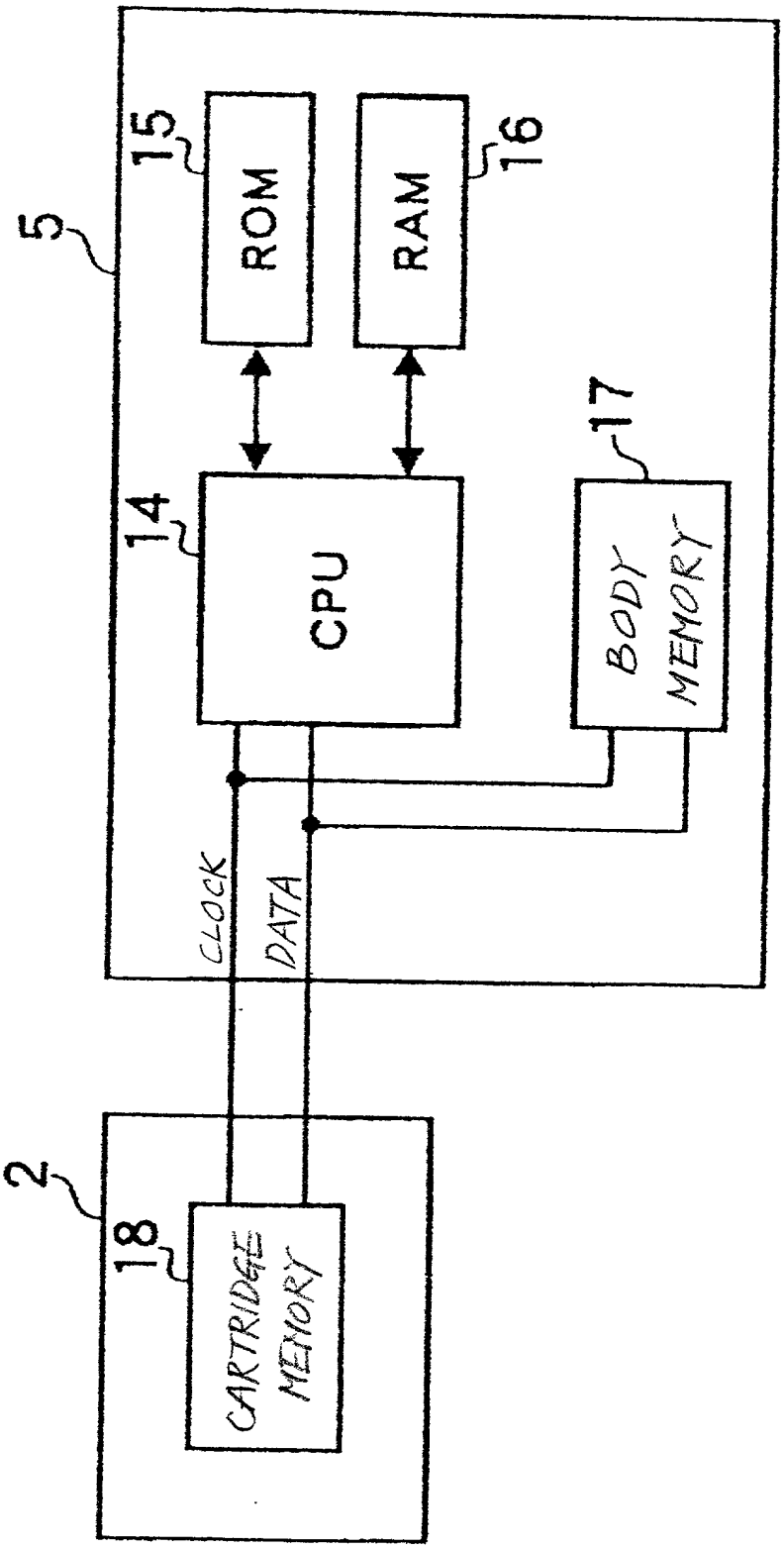


FIG. 4

ADDRESS	CONTENT
0	MACHINE ID
1	VERSION
2	MANUFACTURER
3	AREA
4	COLOR
5	SERIAL NO.
6	NUMBER OF TIMES OF RECYCLING
7	AMOUNT OF REMAINING TONER 1
8	PRINT COUNTER 1

FIG. 5

ADDRESS	CONTENT
0	FIXING TEMPERATURE
1	REGISTRATION POSITION
2	DENSITY
3	PRINTER COUNTER (TOP)
4	PRINTER COUNTER (CENTER)
5	PRINTER COUNTER (BOTTOM)
6	IMAGE TRANSFER MODE
7	AMOUNT OF REMAINING TONER 2
8	PRINT COUNTER 2

FIG. 6

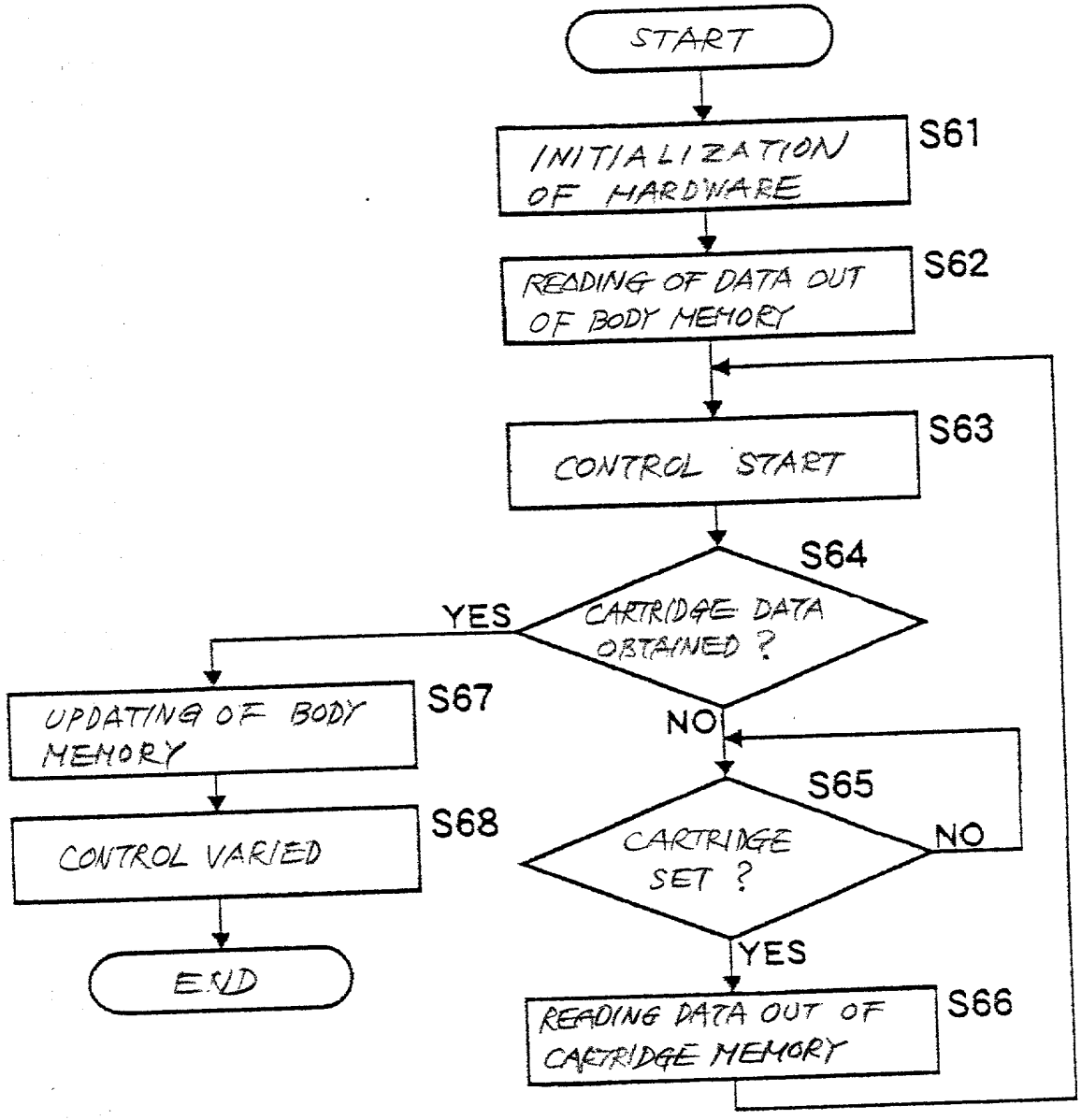

START
INITIALIZATION OF HARDWARE
S61
READING OF DATA OUT OF BODY MEMORY
S62
CONTROL START
S63
S64
CARTRIDGE DATA OBTAINED ?
YES
NO
UPDATING OF BODY MEMORY
S67
CONTROL VARIED
S68
END
S65
CARTRIDGE SET ?
NO
YES
READING DATA OUT OF CARTRIDGE MEMORY
S66

FIG. 7

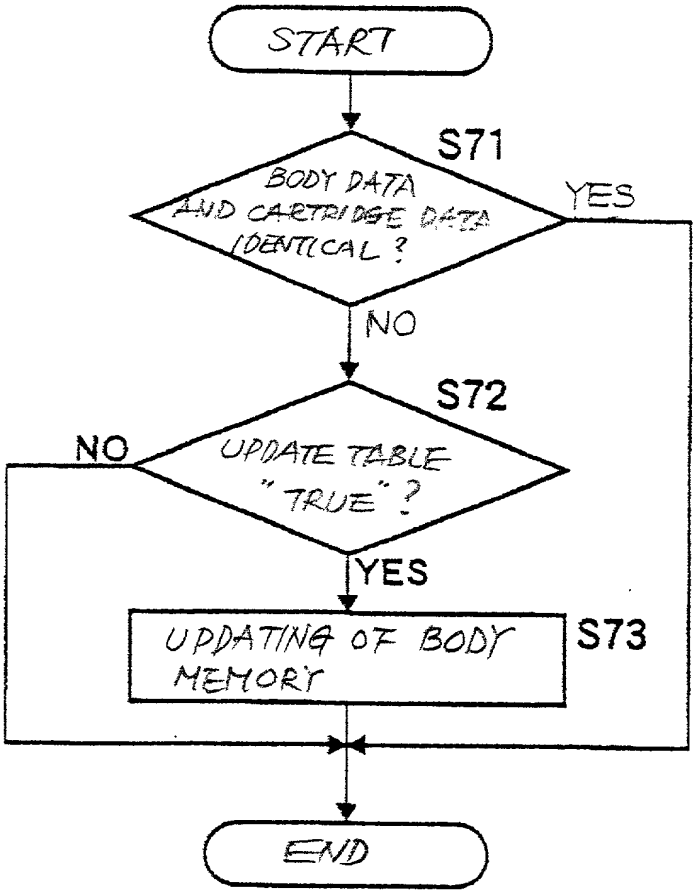


FIG. 8

BODY MEMORY ADDRESS	CARTRIDGE MEMORY ADDRESS	UPDATE TABLE INFORMATION
7 (AMOUNT OF REMAINING TONER 2)	7 (AMOUNT OF REMAINING TONER 1)	TRUE (UPDATING)
8 (PRINT COUNTER 2)	8 (PRINT COUNTER 1)	FALSE (NO UPDATING)

FIG. 9

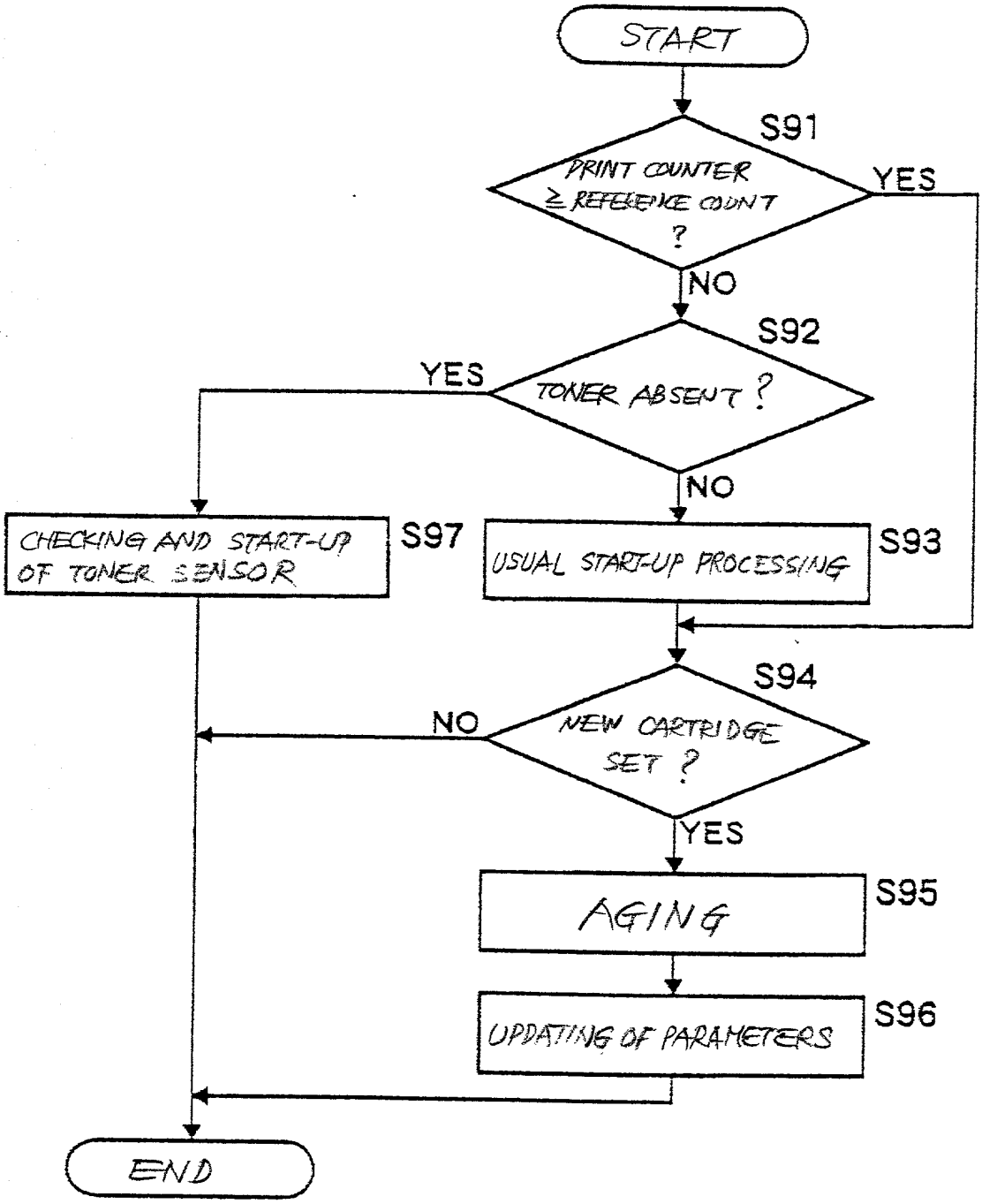
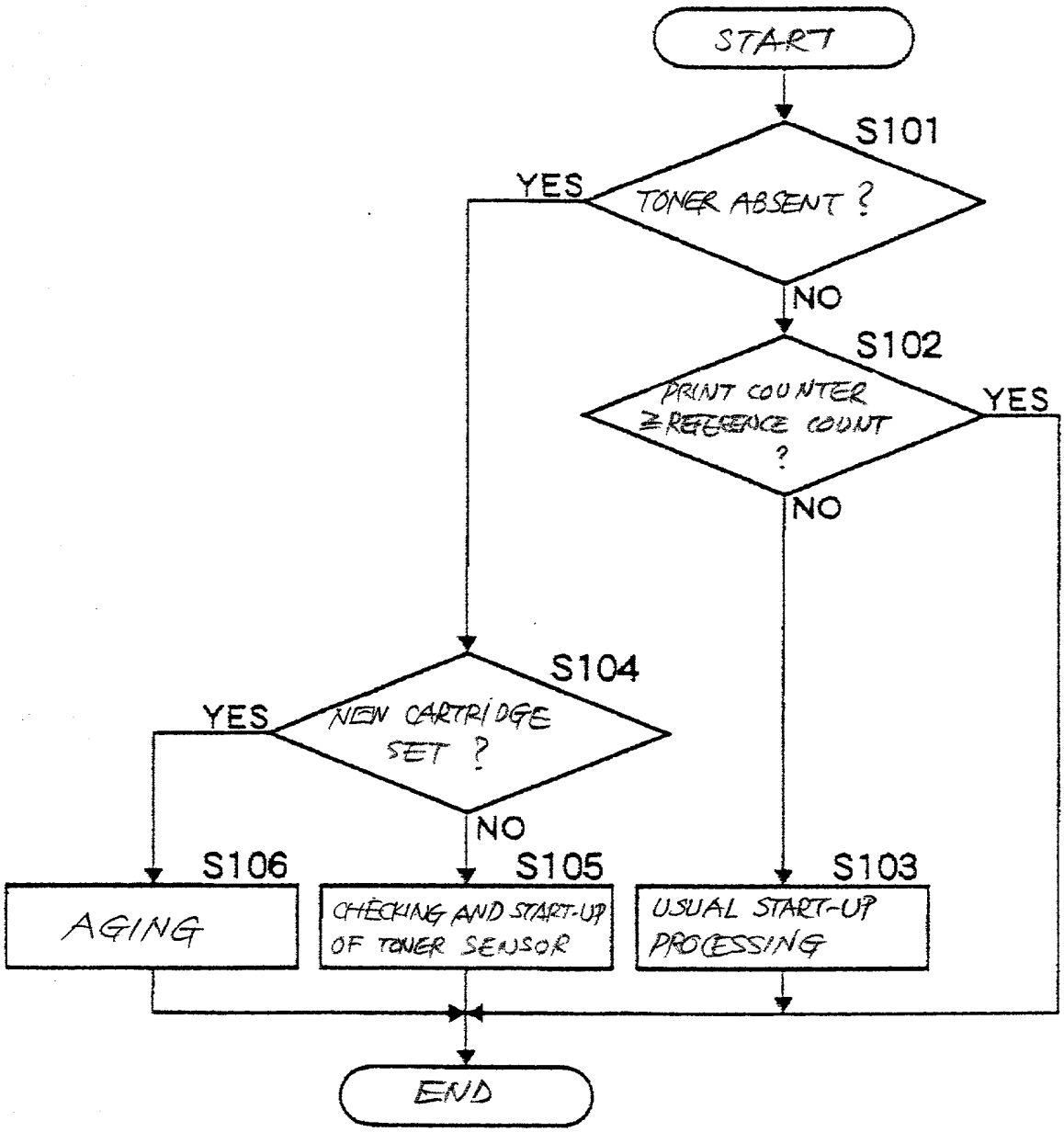

START
S91
PRINT COUNTER ≥ REFERENCE COUNT ?
YES
NO
S92
TONER ABSENT ?
YES
NO
CHECKING AND START-UP OF TONER SENSOR
S97
USUAL START-UP PROCESSING
S93
S94
NEW CARTRIDGE SET ?
NO
YES
AGING
S95
UPDATING OF PARAMETERS
S96
END

FIG. 10


START
S101
TONER ABSENT ?
YES
NO
S102
PRINT COUNTER ≥ REFERENCE COUNT ?
YES
NO
S104
NEW CARTRIDGE SET ?
YES
NO
S106
AGING
S105
CHECKING AND START-UP OF TONER SENSOR
S103
USUAL START-UP PROCESSING
END